

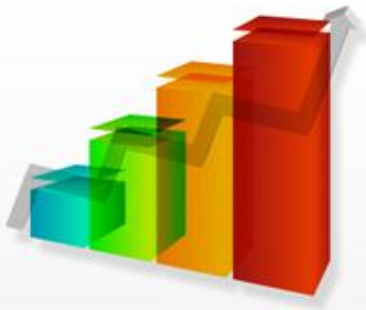
Virginia's 2010 Longitudinal Data System Enhancement Grant

Agency Information Technology Resource Meeting

October 20, 2010

Bethann H. Canada

Director of Educational Information Management
Virginia Department of Education



Grant-Writing Partners

Department of Education

State Council on Higher Education

Virginia Community College System

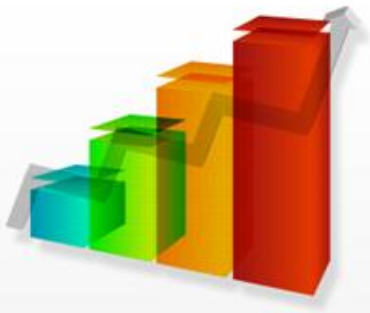
Virginia Employment Commission

Department of Rehabilitative Services

Virginia Information Technologies Agency

Governor's Workforce Office

Center for Innovative Technology



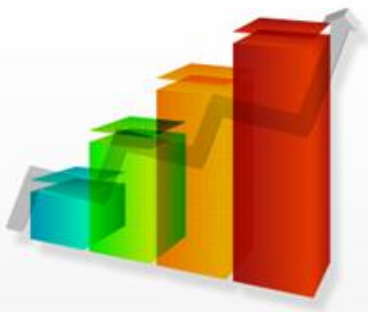
Grant Requirements

Complete the 12 Data System Elements in the America COMPETES Act

- Collect student-level transcript data
- Link teachers to students

Link individual student-level data from K-12 to postsecondary and workforce

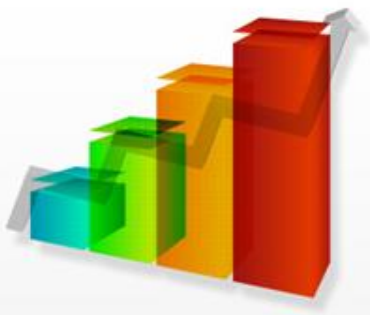
Enable data exchange among agencies



Grant Requirements

Grant recipients must also:

- Link student data with the teachers primarily responsible for instruction
- Enable matching teachers with their certification and preparation programs
- Enable data to be easily generated for continuous improvement and decision-making
- Ensure the quality and integrity of data to be contained in the system



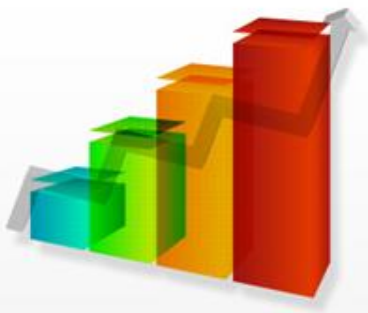
Grant Requirements

And to

- Enhance our ability to meet the reporting requirements of USED

We must also address all reporting requirements of the SFSF

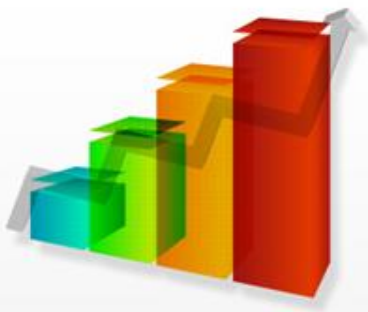
- Teacher/Principal evaluation systems and ratings
- Estimates of individual teacher impact on student achievement
- Number of high school students who enroll in college and complete at least one year of college credit in 2 years



Proposed Outcomes

Create an integrated K-12 student-teacher information system

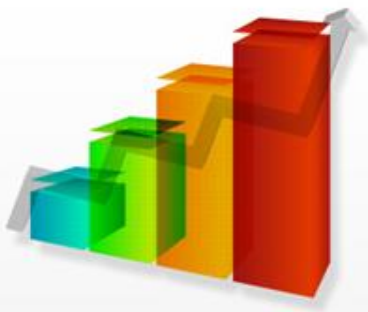
- Link students to teachers – course enrollment and completion
- Enhance growth model
- Replace the Teacher Licensure system
- Conduct a needs-based competitive grant program for school divisions



Proposed Outcomes

Create a longitudinal data linking and reporting system

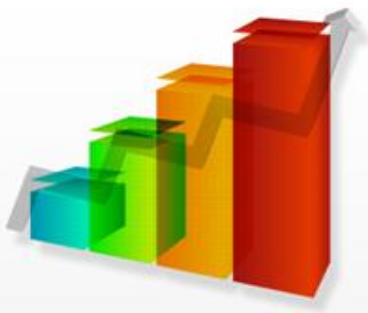
- A federated data system
- Includes DOE, SCHEV, and VEC
- Extensible to include other agencies



Proposed Outcomes

Develop a web-based portal to access the data

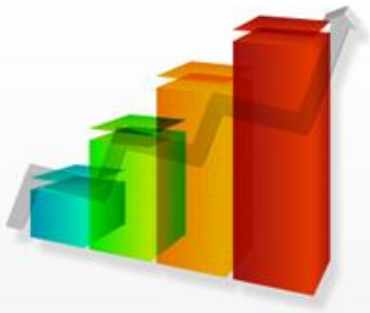
- Public and non-public access
- Custom data tools for ad-hoc reports
- Data in tables, charts, and graphs
- Maps – GIS data
- “Apps for Virginia” Program – develop data tools and make them widely available



Proposed Outcomes

Design a data management and control system

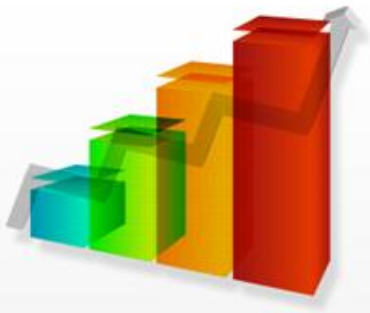
- Develop a cross-agency lexicon of data language
- Establish a quality control program (data governance)
- Establish access control
- Establish system security



Proposed Outcomes

Develop a mechanism for post-secondary institutions to receive high school transcripts in the form of data

- Builds on the current LDS grant
- All 23 community colleges
- GMU, JMU, and Norfolk State



Questions?